

```
package sideHustle;
```

```
import java.util.ArrayList;
import java.util.LinkedHashMap;
import java.util.List;
import java.util.Map;
```

```
/**
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 * Check Out My Projects At: https://github.com/michelrendon11/
 */
```

```
class Education implements StillLearning {
```

```
String getEducation ( int year ) {
    return switch ( year ) {
        case 2015 -> ""
            ITT Technical Institute, Miami, FL
            Bachelor Degree of Science in Electrical and Electronic Engineering Technology"";
        case 2013 -> ""
            ITT Technical Institute, Miami, FL
            Associate Degree of Science in Electrical and Electronic Engineering Technology"";
        case 2010 -> ""
            Miami Lakes Educational Center, Miami, FL
            Electrical Maintenance Technician and Electronics Assembler Certification"";
        case 2005 -> ""
            National Center of Music, Havana, Cuba
            Audio Technician Certification"";
        default -> "Still studying, always learning";
    };
}
```

```
enum CurrentlyStudying {
    FULL_STACK_EMBEDDED_ELECTRONICS_PCB_DESIGN ( "Intermediate" ),
    FULL_STACK_EMBEDDED_ELECTRONICS_FIRMWARE ( "Loading..." ),
    FULL_STACK_WEB_DEVELOPMENT_FRONT_END ( "Intermediate" ),
    FULL_STACK_WEB_DEVELOPMENT_BACK_END ( "Beginner" ),
    JAVA ( "Intermediate" ),
    JAVAFX ( "Intermediate" ),
    FLUTTER ( "Beginner" ),
    C_C_PLUS_PLUS ( "Beginner to Intermediate" ),
    ASSEMBLY_LANGUAGE ( "Forgotten, getting back on the horse" ),
    GITHUB ( "Beginner" );
    private final String level;
    CurrentlyStudying ( String level ) { this.level = level; }
    public String getLevel () { return level; }
}
```

**interface Skills extends StillLearning {**

```
List <String> mySkills = new ArrayList<> ( List.of (
    "Hands-on experience in troubleshooting and assembling modern electronics, including AC and DC circuits",
    "Hands-on experience in electrical maintenance in residential and commercial buildings, as well as custom control panels",
    "Hands-on experience in troubleshooting diverse machinery, including but not limited to: appliances, vending machines, generators, computers, professional audio equipment...",
    "Skilled to successfully use construction equipment and diverse machinery",
    "Excellent customer service and organizational skills",
    "Bilingual: English and Spanish",
    "Detail-oriented, excellent problem-solving skills. Can meet deadlines and goals",
    "Reliable, dynamic, highly motivated, self-starter, and a quick learner"
));
}
```

**class ProfessionalExperience extends Education implements Skills {**

**public static void main ( String[] args ) {**

Map <Date, Company<Roll, Tasks>> **experience** = new LinkedHashMap<>();

```
experience.put (
    new Date ( "01/2015-Present" ),
    new Company ( "Headhunter Inc, Fort Lauderdale, FL",
    new Roll ( "Field Engineer" ),
    List.of (
        "Commissioning, install, upgrade, integrate, service, diagnose and repair OEM",
        "Provide operational and troubleshooting training to engineers, captains, vessel crew, service companies, and new employees for the service department",
        "Communicate with company engineers to ensure equipment operates safely and as intended on the field",
        "Some of the skills for my current job: PLC programing, control panel rewiring and troubleshooting, electronic equipment, DC and AC motors, potable water systems, sewage systems, centrifugal pumps, positive displacement pumps, tank level indicators"
    ));
experience.put (
    new Date ( "03/2014-12/2014" ),
    new Company ( "Americas Generators, Miami, FL",
    new Roll ( "Generator Technician" ),
    List.of (
        "Rewired, reconfigured and reprogrammed generators to meet client's voltages and specification requirements",
        "Tested and repaired generators as needed to ensure optimum performance"
    ));
experience.put (
    new Date ( "05/2012-06/2015" ),
    new Company ( "La Latina Restaurant, Miami, FL",
    new Roll ( "Server / Cashier" ),
    List.of (
        "Coocking", "Cleaning", "Cash Register", "Inventory"
    ));
});
```

```

experience.put (
  new Date ( "12/2012-05/2013" ),
  new Company ( "ITT Technical Institute, Miami, FL",
  new Roll ( "General Labor, Internship" ),
  List.of (
    "Assisted in electronic labs with organizing and installing equipment when needed",
    "Ensured all classrooms were organized, clean, and with the assigned equipment"
  ));
experience.put (
  new Date ( "04/2012-09/2012" ),
  new Company ( "Americas Property Management Corporation, Miami, FL",
  new Roll ( "General Labor" ),
  List.of (
    "Construction worker handling maintenance and remodeling of company warehouses"
  ));
experience.put (
  new Date ( "01/2011-03/2012" ),
  new Company ( "San Antonio Housing Authority, San Antonio, TX",
  new Roll ( "Maintenance Technician" ),
  List.of (
    "Inspected, repaired and replaced anything and everything in and around the Castle Point apartment complex in San Antonio, TX, such as but not limited to: electrical, plumbing, carpentry, dry wall, masonry, flooring, resurfacing, ceramic tile, cabinets, water heaters, and A/C's"
  ));
experience.put (
  new Date ( "07/2009-12/2010" ),
  new Company ( "Fuddruckers, Doral, Hialeah and Pembroke Pines, FL",
  new Roll ( "Cook / Butcher" ),
  List.of (
    "All positions in a restaurant's kitchen"
  ));
experience.put (
  new Date ( "03/2003-05/2009" ),
  new Company ( "Adolfo Guzman Provincial Music Center, Havan, Cuba",
  new Roll ( "Audio Operator Technician" ),
  List.of (
    "Installed, repaired, maintained, and operated professional audio equipment for music groups in clubs, theaters, and outdoors",
    "Meet with performers and producers to achieve high quality productions"
  ));
experience.put (
  new Date ( "02/2000-02/2003" ),
  new Company ( "4427, Havana, Cuba",
  new Roll ( "Radio Communications Specialist" ),
  List.of (
    "Operated and repaired radio communication equipment, radars, and computers"
  ));
}
}

```

// *TODO: References Available Upon Request*

```
/**
 * I'm currently studying various programming languages following tutorials on Udemy and YouTube, and reading the language
 * documentation. Learning programming is a hobby for me.
 * I currently have a full-time job. I have no intention of changing careers at the moment. My intention is to try to monetize my
 * hobby, make an extra income / side hustle. I'm available to work afternoons and weekends.
 * Professionally I develop PLC software for the company I currently work for. I have never developed professional software for any
 * other programming languages other than PLC.
 * In a few of my previous jobs, and while I was in school, I have fixed other people's software products in languages like Assembly
 * Language, C++, and Java.
 * I don't know if my programming skills are sufficient to generate an extra income, but also, I will never know unless I try it.
 */
```

```
interface StillLearning {}
```

```
class Date { String date; public Date ( String date ) { this.date = date; }}
```

```
class Roll { String roll; public Roll ( String roll ) { this.roll = roll; }}
```

```
class Tasks { String tasks; public Tasks ( String tasks ) { this.tasks = tasks; }}
```

```
class Company <Roll, Tasks> {
    String company;
    Roll roll;
    Tasks tasks;
    public Company ( String company, Roll roll, Tasks tasks ) {
        this.company = company;
    }
}
```

```
record KeywordsForSearchEngines () {}
```